

IN THE CLAIMS

Please amend the claims as follows:

1. (Cancelled)

2. (Currently Amended) Sealing arrangement according to claim 1, characterized in that~~9~~ wherein in the unpressurized state, the an inner radius of the U-cup {3} seal decreases, in particular continuously, from the low-pressure side ~~N~~ towards the inner sealing lip//.// {7} in a region around the abutment surface (13).

3. (Currently Amended) Sealing arrangement according to claim 2, characterized in that~~wherein~~ in the unpressurized state, the inner radius of the U-cup {3} seal conically decreases continuously, in particular like a cone, from the low-pressure side ~~N~~ towards the inner sealing//.//lip {7} in a region from the abutment surface (13) to the inner sealing lip {7}.

4. (Currently Amended) Sealing arrangement according to claim ~~9~~ 1 characterized in that~~wherein~~ in the unpressurized state, an outer edge (18) the abutment surface of the U-cup {3} seal is, in part, formed convex, in particular like a circular arc, in a region facing the sealing gap (15).//.//

5. (Currently Amended) Sealing arrangement according to claim ~~9~~ 1 characterized in that~~wherein~~ the U-cup {3} has an outer concave surface (21) facing away from the movable machine part (1), wherein the outer surface (21) is curved

~~concavely adjacent a groove bottom in the unpressurized state.~~

6. (Currently Amended) Sealing arrangement according to claim 1 characterized in that 9 wherein in the unpressurized state, the outer radius of the U-cup (3) seal increases, in particular continuously, from the low-pressure side N towards the outer sealing lip//.// (6) in a region around the abutment surface (13).

7. (Currently Amended) Sealing arrangement according to claim 1 characterized in that 9 wherein the U-cup (3) seal has an outer surface (21) facing away from the movable machine part (1), piston and that in the unpressurized state, an outer edge (20) of the U-cup (3) seal is formed convex, in particular like a circular arc in the transition region of between abutment surface (13) and outer surface//.// (21).

8. (Currently Amended) Sealing arrangement according to claim 1 characterized in that 9 wherein the U-cup (3) seal has on an inner surface (24) facing the movable machine part (1), with calotte shells as a microstructure.

9. (New) A sealing arrangement comprising:
a reciprocating hydraulic piston;
a stationary machine part having a bore for receiving the reciprocating piston along with an internal groove facing the piston;
a U-cup seal disposed in said groove, said U-cup seal having a radial outer lip contacting the machine part,

a radial inner lip contacting the piston and an abutment surface contacting a radial groove wall; and

an inner surface formed on said U-cup seal facing the piston with a plurality of recessed lubrication bore reliefs for enabling passage of hydraulic liquid from a low pressure side of said sealing arrangement to a high pressure side of said sealing arrangement upon reciprocation of the piston, each recess extending in an axial direction from the low pressure side of said U-cup seal toward the high pressure side of said U-cup seal, a radial depth of each recess decreasing from the low pressure side towards the high pressure side and each recess is spaced apart from the piston.